ABSTRACT

A system predicts digital subscriber line (DSL) performance on an existing telephone

loop. The system obtains a topological description of the existing telephone loop (410) and

identifies a loop equivalent to the existing telephone loop from the topological description of the

existing telephone loop (440). The system then determines DSL performance for the equivalent

loop (450). From the DSL performance for the equivalent loop, the system predicts DSL

performance for the existing telephone loop (460).